

# Benjamin Webb

897 S Morton St, Bloomington, IN 47403  
ben.webb340@gmail.com | (812) 340-3314 | webbben.github.io

## EDUCATION

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- Indiana University**, Bloomington, IN May 2020  
*Bachelor of Science in Computer Science*  
Specialization: Intelligent Systems  
*Bachelor of Arts in East Asian Language and Culture*  
Specialization: Japanese
- Nanzan University**, Nagoya, Japan September 2018 - May 2019  
*Study-abroad program of intensive Japanese for one academic year*

## WORK EXPERIENCE

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- Indiana University**, Bloomington, IN August 2019 – May 2020  
*Study-abroad Peer Counselor*
- Assist prospective students in their application process and requirements for going abroad.
  - Provide counsel and information to help guide interested students toward a good study-abroad program for them.
  - Participate in special events and give presentations based on my experience studying in a foreign country.
- COOK Inc**, Bloomington, IN Summer 2017  
*Production Assistant*
- Operated various package sealing machines and equipment.
  - Created medical dilator devices using a series of processes and machinery.
  - Assembled medical device products to be packaged and inspected by the quality control department.
- Target**, Bloomington, IN November 2014 – January 2015  
*Cashier*
- Operated a cash register and handled hundreds of monetary transactions a day.
  - Assisted customers on the sales floor and took inventory on products throughout various departments.

## TECHNICAL SKILLS

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**Languages:** Java, Python, MySQL, PHP, R, MATLAB  
**Platforms:** Microsoft Windows, Mac-OS, Linux/Unix  
**Miscellaneous:** TensorFlow, Machine Learning, Data Mining, Microsoft Office, LaTeX

## LANGUAGE

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**Japanese:** 4 years of college courses, 1 year of study-abroad in Nagoya, Japan.

## STUDENT ACTIVITIES

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- Cyber Security Club**, Indiana University 2016-2017
- Learned about the current state of internet security in technology today, and discussed real world applications.
  - Explored different commonly-used methods of exploiting website security, and how to set up preventative measures.
- ReStore - Habitat for Humanity**, Bloomington, IN Spring 2018
- Served a volunteer role by organizing inventory at the shop site and moving furniture to be loaded into vehicles.
  - Assisted guests in the shop with handling and purchasing items.

## ACADEMIC PROJECTS

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- K-Means Clustering Algorithm** Fall 2019
- Implemented a K-Means clustering algorithm that derives groups and centroids from data
- Travelling Salesman Problem – Simulated Annealing** Fall 2019
- Used simulated annealing to find a solution of the shortest path between a list of city coordinates
- Image Classification Neural Network** Fall 2019
- Trained a model with TensorFlow to classify images of Japanese Hiragana writing